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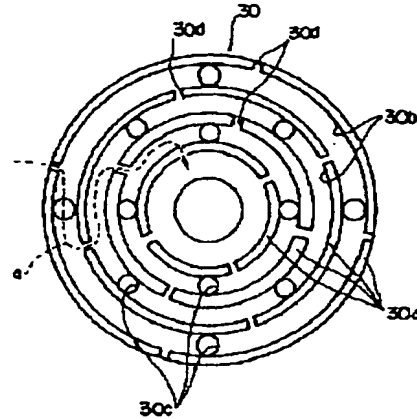
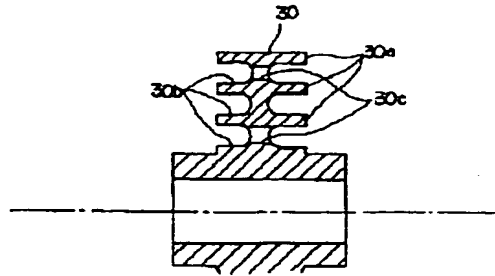
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INVENTOR : IDE TAKANOBU;

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TITLE : VISCOUS FLUID FILLED DAMPER



ABSTRACT : PURPOSE: To improve the charging efficiency of a flowing body to the reverse by communicating a lot of concentric circular uneven parts with each other, formed on both sides of a rotary disk by means of many communication holes, while forming a recess sectional form of these uneven parts into a V-shaped form.

CONSTITUTION: Plural recesses 30a are formed at both sides of a rotary disk 30 at regular intervals in the radial direction, and alternately combined with recesses formed on a casing chamber wall. Each recess 30b is formed between adjacent recesses 30a, and each sectional form of these recesses 30b is made up into an almost U-shaped form. Plural communication holes 30c communicating both sides of the disk 30 with each other are bored in each recess 30b. In addition, plural pieces of notches 30d are formed in recesses 30a so as not to be continued in the radial direction. Therefore charging of a viscous fluid is performed along a route (a) alternately passing through those of notches 30d and recesses 30b, residual air in a recess corner is extruded by a U-shaped section and thereby the fluid can be charged up to the corner while charging efficiency at both sides is improvable and, what is more, damping efficiency is enhanced.

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